

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Examiner : Cybille Delacroix Muirheid  
Group : 1614  
Applicants : Paul R. Sleath et al.  
Application No. : 09/670,106 Confirmation No.: 5809  
Filed : September 26, 2000  
For : INTERLEUKIN 1 $\beta$  PROTEASE AND INTERLEUKIN 1 $\beta$   
PROTEASE INHIBITORS

New York, New York  
October 23, 2003

Hon. Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(c)(2), applicants make the following references of record in the above-identified patent application:<sup>1</sup>

OTHER REFERENCES

Arsenijevic et al., Préparation simple de la DL- $\alpha$ -asparagine. Comptes Rendus **256**, 4039 (1963).

Blundell et al., Retroviral Proteinases: A Second Front Against AIDS. Nature **337**, pp. 596-597 (1989).

Cohen, Designing Antisense Oligonucleotides as Pharmaceutical Agents. Trends Pharmaceut. Sci., **10**, pp. 435-437 (1989).

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<sup>1</sup> Applicants submit herewith Form PTO-1449, with the references listed therein.

Kobayashi et al., Identification of Calcium-Activated Neutral Protease as a Processing Enzyme of Human Interleukin 1 $\alpha$ . Proc Natl. Acad. Sci. USA, **87**, pp. 5548-5552 (1990).

Manson et al., Modulation of Interleukin 1 $\beta$  Gene Expressing Using Antisense Phosphorothioate Oligonucleotides. Lymphokine Res., **9**, pp. 35-42 (1990).

Matsoukas et al., Synthesis of L-Prolyl-L-Leucylglycine Alkylamides. J. Org. Chem. **42**, pp. 2105-2108 (1977).

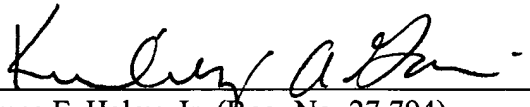
Rich, Inhibitors of Aspartic Proteinases. In Proteinase Inhibitors (Barret and Salvesan, eds.), pp. 180–217, Elsevier Science Publishers (1986).

Seelmeier et al., Human Immunodeficiency Virus Has an Aspartic-type Protease That Can be Inhibited by Pepstatin A. Proc. Natl. Acad. Sci. USA, **85**, pp. 6612-6616 (1988).

Yamashiro et al., Synthesis of a Pentekontapeptide with High Lipolytic Activity Corresponding to the Carboxyl-Terminal Fifty Amino Acids of Ovine  $\beta$ -Lipotropin. Proc. Natl. Acad. Sci. USA **72**, pp. 4945-4949 (1974).

Applicants request that that the Examiner (1) fully consider the enclosed references during the examination of this application; (2) initial the enclosed Form PTO-1449 in the appropriate places to indicate that the references have been considered; and (3) return a copy of the initialed Form to the undersigned in accordance with MPEP §§ 609 and 2001.06(a).

Respectfully submitted,

  
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FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. VPI/SW/002 CIP2 FWC DIV2 CON	SERIAL NO. 09/670,106
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANTS		APPLICANTS P. Sleath et al.	CONFIRMATION NO. 5809
		FILING DATE September 26, 2000	GROUP 1614

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL	
	Arsenijevic et al., Préparation simple de la DL- $\alpha$ -asparagine. <u>Comptes Rendus</u> <b>256</b> , p. 4039 (1963). /
	Blundell et al., Retroviral Proteinases: A Second Front Against AIDS. <u>Nature</u> <b>337</b> , pp. 596-597 (1989). /
	Cohen, Designing Antisense Oligonucleotides as Pharmaceutical Agents. <u>Trends Pharmaceut. Sci.</u> , <b>10</b> , pp. 435-437 (1989). /
	Manson et al., Modulation of Interleukin 1 $\beta$ Gene Expressing Using Antisense Phosphorothioate Oligonucleotides. <u>Lymphokine Res.</u> , <b>9</b> , pp. 35-42 (1990). /
	Kobayashi et al., Identification of Calcium-Activated Neutral Protease as a Processing Enzyme of Human Interleukin 1 $\alpha$ . <u>Proc Natl. Acad. Sci. USA</u> , <b>87</b> , pp. 5548-5552 (1990). /
	Matsoukas et al., Synthesis of L-Prolyl-L-Leucylglycine Alkylamides. <u>J. Org. Chem.</u> <b>42</b> , pp. 2105-2108 (1977). /
	Rich, Inhibitors of Aspartic Proteinases. in Proteinase Inhibitors (Barret and Salvesan, eds.) Elsevier Science Publishers, pp. 180-217 (1986). /
	Seelmeier et al. Human Immunodeficiency Virus Has an Aspartic-type Protease That Can be Inhibited by Pepstatin A. <u>Proc. Natl. Acad. Sci. USA</u> , <b>85</b> , pp. 6612-6616 (1988). /
	Yamashiro et al. Synthesis of a Pentekontapeptide with High Lipolytic Activity Corresponding to the Carboxyl-Terminal Fifty Amino Acids of Ovine $\beta$ -Lipotropin. <u>Proc. Natl. Acad. Sci. USA</u> , <b>72</b> , pp. 4945-4949 (1974). /

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not conformance and not considered. Include copy of this form with next communication to applicant.